BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Construction of Drain, Culvert and Cement Concrete Road at Dasarahalli Karagadamma Temple, Opposite Road in Ward No:06 (Thanisandra)

PRE MEASUREMENT SHEET

First and Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.01		Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		For Drains									
		Karagadamma Temple opp Road									
		West to East									
		LHS									
0.00	13.10		Cum	1	13.10	0.95	0.95	0.95	0.90	11.20	
13.10	29.00	No Work	Cum	1	0.00	0.95	0.95	0.95	0.90	0.00	
29.00	44.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
44.00	51.60		Cum	1	7.60	0.95	0.95	0.95	0.90	6.50	
51.60	66.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
66.60	81.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
81.60	96.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
96.60	111.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
111.60	126.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
126.60	137.80		Cum	1	11.20	0.95	0.95	0.95	0.90	9.58	
		Government School Opp Road									
		South to north									
		RHS									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
15.00	25.20		Cum	1	10.20	0.95	0.95	0.95	0.90	8.72	
25.20	27.20	No Work	Cum	1	0.00	0.95	0.95	0.95	0.90	0.00	
27.20	42.20		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
42.20	49.70		Cum	1	7.50	0.95	0.95	0.95	0.90	6.41	
		LHS									
		South to North									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
15.00	17.90		Cum	1	2.90	0.95	0.95	0.95	0.90	2.48	
		Maruthi Layout									
		2nd Cross Road (or)Miracle									
		LHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
30.00	34.70		Cum	1	4.70	0.95	0.95	0.95	0.90	4.02	
34.70	43.80		Cum	1	9.10	0.95	0.95	0.95	0.90	7.78	
		RHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
30.00	34.70		Cum	1	4.70	0.95	0.95	0.95	0.90	4.02	
34.70	43.80		Cum	1	9.10	0.95	0.95	0.95	0.90	7.78	

135.21

Contractor

Assistant Engineer

Assistant executive Engineer

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		3rd Cross Road									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
30.00	45.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
45.00	49.90		Cum	1	4.90	0.95	0.95	0.95	0.90	4.19	
49.90	53.80		Cum	1	3.90	0.95	0.95	0.95	0.90	3.33	
		For Culverts									
			Cum	1	7.60	1.40	1.40	1.40	0.85	9.04	LC-04
									Total Executed Quantity	290.25	
									Qty Carried to Summary	290.25	

Contractor

05.04.2023

Assistant Engineer

Assistant executive Engineer

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Construction of Drain, Culvert and Cement Concrete Road at Dasarahalli Karagadamma Temple, Opposite Road in (Ward No:06 (Thanisandra)

PRE MEASUREMENT SHEET

First and Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.02		Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		PCC For Drains									
		Karagadamma Temple opp Road									
		West to East									
		LHS									
0.00	13.10		Cum	1	13.10	0.95	0.95	0.95	0.15	1.87	
13.10	29.00	No Work	Cum	1	0.00	0.95	0.95	0.95	0.15	0.00	
29.00	44.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
44.00	51.60		Cum	1	7.60	0.95	0.95	0.95	0.15	1.08	
51.60	66.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
66.60	81.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
81.60	96.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
96.60	111.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
111.60	126.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
126.60	137.80		Cum	1	11.20	0.95	0.95	0.95	0.15	1.60	
		Government School Opp Road									
		South to north									
		RHS									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
15.00	25.20		Cum	1	10.20	0.95	0.95	0.95	0.15	1.45	
25.20	27.20	No Work	Cum	1	0.00	0.95	0.95	0.95	0.15	0.00	
27.20	42.20		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
42.20	49.70		Cum	1	7.50	0.95	0.95	0.95	0.15	1.07	
		LHS									
		South to North									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
15.00	17.90		Cum	1	2.90	0.95	0.95	0.95	0.15	0.41	
		Maruthi Layout									
		House Opposite Road									
		LHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
30.00	34.70		Cum	1	4.70	0.95	0.95	0.95	0.15	0.67	
34.70	43.80		Cum	1	9.10	0.95	0.95	0.95	0.15	1.30	
		RHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
30.00	34.70		Cum	1	4.70	0.95	0.95	0.95	0.15	0.67	
34.70	43.80		Cum	1	9.10	0.95	0.95	0.95	0.15	1.30	

139.20

Contractor

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		3rd Cross Road									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
30.00	45.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14	
45.00	49.90		Cum	1	4.90	0.95	0.95	0.95	0.15	0.70	
49.90	53.80		Cum	1	3.90	0.95	0.95	0.95	0.15	0.56	
		PCC For Culverts									
		Government School Front Side									
			Cum	1	7.60	1.40	1.40	1.40	0.15	1.60	
		For CC Road									
		Government School Front Side									
		South to north									
0.00	15.00		Cum	1	15.00	6.35	6.45	6.40	0.15	14.40	
15.00	17.60		Cum	1	2.60	6.45	6.55	6.50	0.15	2.54	
17.60	23.10		Cum	1	5.50	5.90	5.45	5.68	0.15	4.68	
23.10	30.00		Cum	1	6.90	6.30	6.40	6.35	0.15	6.57	
30.00	35.90		Cum	1	5.90	6.40	6.45	6.43	0.15	5.69	
35.90	43.10	No Work	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00	
43.10	44.00		Cum	1	0.90	5.20	6.40	5.80	0.15	0.78	
44.00	45.00		Cum	1	1.00	6.40	6.15	6.28	0.15	0.94	
45.00	51.70		Cum	1	6.70	6.15	6.80	6.48	0.15	6.51	
51.70	60.00		Cum	1	8.30	6.80	6.95	6.88	0.15	8.56	
60.00	63.70		Cum	1	3.70	6.95	6.05	6.50	0.15	3.61	
		Government School Left Side									
		South to north									
0.00	4.70		Cum	1	4.70	6.90	6.60	6.75	0.15	4.76	
4.70	15.00		Cum	1	10.30	6.60	6.10	6.35	0.15	9.81	
15.00	30.00		Cum	1	15.00	6.10	6.90	6.50	0.15	14.63	
30.00	45.00		Cum	1	15.00	6.90	6.90	6.90	0.15	15.53	
45.00	60.00		Cum	1	15.00	6.90	6.55	6.73	0.15	15.13	
60.00	72.10		Cum	1	12.10	6.55	5.85	6.20	0.15	11.25	
		Maruthi Layout									
		House Opposite Road									
		(From East to West)									
0.00	15.00		Cum	1	15.00	4.35	4.05	4.20	0.15	9.45	
15.00	30.00		Cum	1	15.00	4.05	3.50	3.78	0.15	8.49	
30.00	34.70		Cum	1	4.70	3.50	3.80	3.65	0.15	2.57	
34.70	43.80		Cum	1	9.10	5.30	4.90	5.10	0.15	6.96	
		3rd Cross Road									
		(From East to West)									
0.00	15.00		Cum	1	15.00	3.70	4.40	4.05	0.15	9.11	
15.00	30.00		Cum	1	15.00	4.40	4.60	4.50	0.15	10.13	
30.00	45.00		Cum	1	15.00	4.60	5.10	4.85	0.15	10.91	
45.00	49.90		Cum	1	4.90	5.10	5.20	5.15	0.15	3.79	
49.90	53.80		Cum	1	3.90	3.00	2.50	2.75	0.15	1.61	
		3rd A Cross Road									
		(From West to East)									
0.00	13.10		Cum	1	13.10	4.10	3.60	3.85	0.15	7.57	
13.10	15.00		Cum	1	1.90	4.60	4.40	4.50	0.15	1.28	
15.00	21.60		Cum	1	6.60	4.40	4.20	4.30	0.15	4.26	
21.60	24.30		Cum	1	2.70	3.80	3.85	3.83	0.15	1.55	

212.39

Contractor

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Culvert Ramp									
		Government School Front Side	Cum	1	6.10	1.10	1.00	1.05	0.15	0.96	
			Cum	1	8.20	0.90	0.85	0.88	0.15	1.08	
		DEDUCTION									
		Manhole	Cum	-1	0.44				0.15	-0.07	
						(3.14X0.75X0.75)/4=0.44					
			Cum	-4	0.64				0.15	-0.38	
						(3.14X0.9X0.9)/4=0.64					
		CHAMBER	Cum	-6	0.45	0.45	0.45	0.45	0.15	-0.18	1.41
									Total Executed Quantity	252.93	
									Qty Carried to Summary	252.93	

Contractor

Assistant Engineer

29.04.2023

Assistant executive Engineer

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Construction of Drain, Culvert and Cement Concrete Road at Dasarahalli Karagadamma Temple, Opposite Road in Ward No:06 (Thanisandra)

PRE MEASUREMENT SHEET

First and Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.03		Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Present Bill Measurements									
		For Drain	Tonne	From steel calculation sheet						4.73	
		For Culvert	Tonne	From steel calculation sheet						0.39	
									Total Executed Quantity	5.12	
									Qty Carried to Summary	5.12	

Contractor

Assistant Engineer

Assistant executive Engineer

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Construction of Drain, Culvert and Cement Concrete Road at Dasarahalli Karagadamma Temple, Opposite Road in Ward No:06 (Thanisandra)

PRE MEASUREMENT SHEET

First and Final Bill

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
Item no.06	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications, and directions of the Engineer in charge.								
	Measurements Taken On;								
	Karagadamma Temple opp Road								
	West to East								
	LHS								
	Main Bars (#10@120 c/c)	1	10	813	813	2.25	1828.50	0.62	1127.34
	Distribution(15-#8)	1	8	13	13	121.90	1584.70	0.39	625.30
	Government School Opp Road								
	South to north								
	RHS								
	Main Bars (#10@120 c/c)	1	10	318	318	2.25	715.50	0.62	441.13
	Distribution(15-#8)	1	8	13	13	47.70	620.10	0.39	244.68
	LHS								
	South to North								
	Main Bars (#10@120 c/c)	1	10	119	119	2.25	268.50	0.62	165.54
	Distribution(15-#8)	1	8	13	13	17.90	232.70	0.39	91.82
	Maruthi Layout								
	2nd Cross Road (or)Miracle Villa House Opposite Road								
	LHS								
	(From East to West)								
	Main Bars (#10@120 c/c)	1	10	292	292	2.25	657.00	0.62	405.07
	Distribution(15-#8)	1	8	13	13	43.80	569.40	0.39	224.68
	RHS								
	(From East to West)								
	Main Bars (#10@120 c/c)	1	10	292	292	2.25	657.00	0.62	405.07
	Distribution(15-#8)	1	8	13	13	43.80	569.40	0.39	224.68
	3rd Cross Road								
	(From East to West)								
	Main Bars (#10@120 c/c)	1	10	359	359	2.25	807.00	0.62	497.55
	Distribution(15-#8)	1	8	13	13	53.80	699.40	0.39	275.97
								QTY IN KG'S	**4728.81**
								QTY IN TONNE	**4.73**

Contractor

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

6/2

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
	For Culvert								
	Government School Front Side								
	12# @100 c/c main bars	1	12	63	63	4.80	304.00	0.89	269.90
	10# @150 c/c Distrubution bars	1	10	27	27	7.60	202.67	0.62	124.95
							QTY IN KG'S		394.85
							QTY IN TONNE		0.39
							TOTAL QTY IN KG'S		5123.66
							TOTAL QTY IN TONNE		5.12

Contractor

11.04.2023

Assistant Engineer

Assistant executive Engineer

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Construction of Drain, Culvert and Cement Concrete Road at Dasarahalli Karagadamma Temple, Opposite Road in Ward No:06 (Thanisandra)

PRE MEASUREMENT SHEET

First and Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.07		Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Government School Front Side									
		South to north									
0.00	15.00		Cum	1	15.00	6.35	6.45	6.40	0.40	38.40	
15.00	17.60		Cum	1	2.60	6.45	6.55	6.50	0.40	6.76	
17.60	23.10		Cum	1	5.50	5.90	5.45	5.68	0.40	12.49	
23.10	30.00		Cum	1	6.90	6.30	6.40	6.35	0.40	17.53	
30.00	35.90		Cum	1	5.90	6.40	6.45	6.43	0.40	15.16	
35.90	43.10	No Work	Cum	1	0.00	0.00	0.00	0.00	0.40	0.00	
43.10	44.00		Cum	1	0.90	5.20	6.40	5.80	0.40	2.09	
44.00	45.00		Cum	1	1.00	6.40	6.15	6.28	0.40	2.51	
45.00	51.70		Cum	1	6.70	6.15	6.80	6.48	0.40	17.35	
51.70	60.00		Cum	1	8.30	6.80	6.95	6.88	0.40	22.83	
60.00	63.70		Cum	1	3.70	6.95	6.05	6.50	0.40	9.62	
		Government School Left Side									
		South to north									
0.00	4.70		Cum	1	4.70	6.90	6.60	6.75	0.40	12.69	
4.70	15.00		Cum	1	10.30	6.60	6.10	6.35	0.40	26.16	
15.00	30.00		Cum	1	15.00	6.10	6.90	6.50	0.40	39.00	
30.00	45.00		Cum	1	15.00	6.90	6.90	6.90	0.40	41.40	
45.00	60.00		Cum	1	15.00	6.90	6.55	6.73	0.40	40.35	
60.00	72.10		Cum	1	12.10	6.55	5.85	6.20	0.40	30.01	
		Maruthi Layout									
		2nd Cross Road (or)Miracle									
		(From East to West)									
0.00	15.00		Cum	1	15.00	4.35	4.05	4.20	0.40	25.20	
15.00	30.00		Cum	1	15.00	4.05	3.50	3.78	0.40	22.65	
30.00	34.70		Cum	1	4.70	3.50	3.80	3.65	0.40	6.86	
34.70	43.80		Cum	1	9.10	5.30	4.90	5.10	0.40	18.56	
		3rd Cross Road									
		(From East to West)									
0.00	15.00		Cum	1	15.00	3.70	4.40	4.05	0.40	24.30	
15.00	30.00		Cum	1	15.00	4.40	4.60	4.50	0.40	27.00	
30.00	45.00		Cum	1	15.00	4.60	5.10	4.85	0.40	29.10	
45.00	49.90		Cum	1	4.90	5.10	5.20	5.15	0.40	10.09	
49.90	53.80		Cum	1	3.90	3.00	2.50	2.75	0.40	4.29	
		3rd A Cross Road									
		(From West to East)									
0.00	13.10		Cum	1	13.10	4.10	3.60	3.85	0.40	20.17	
13.10	15.00		Cum	1	1.90	4.60	4.40	4.50	0.40	3.42	
15.00	21.60		Cum	1	6.60	4.40	4.20	4.30	0.40	11.35	
21.60	24.30		Cum	1	2.70	3.80	3.85	3.83	0.40	4.13	
		DEDUCTION									
		Manhole	Cum	-1	0.44				0.40	-0.18	
					(3.14X0.75X0.75)/4=0.44						
			Cum	-4	0.64				0.40	-1.02	
					(3.14X0.9X0.9)/4=0.64						
		CHAMBER	Cum	-6	0.45	0.45	0.45	0.45	0.40	-0.49	
									Total Executed Quantity	539.80	
									Qty Carried to Summary	539.80	

Contractor

26.04.2023

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Construction of Drain, Culvert and Cement Concrete Road at Dasarahalli Karagadamma Temple, Opposite Road in Ward No:06 (Thanisandra)

PRE MEASUREMENT SHEET

First and Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.08		Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (For Grading -V Material) and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Government School Front									
		South to north									
0.00	15.00		Cum	1	15.00	6.35	6.45	6.40	0.15	14.40	
15.00	17.60		Cum	1	2.60	6.45	6.55	6.50	0.15	2.54	
17.60	23.10		Cum	1	5.50	5.90	5.45	5.68	0.15	4.68	
23.10	30.00		Cum	1	6.90	6.30	6.40	6.35	0.15	6.57	
30.00	35.90		Cum	1	5.90	6.40	6.45	6.43	0.15	5.69	
35.90	43.10	No Work	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00	
43.10	44.00		Cum	1	0.90	5.20	6.40	5.80	0.15	0.78	
44.00	45.00		Cum	1	1.00	6.40	6.15	6.28	0.15	0.94	
45.00	51.70		Cum	1	6.70	6.15	6.80	6.48	0.15	6.51	
51.70	60.00		Cum	1	8.30	6.80	6.95	6.88	0.15	8.56	
60.00	63.70		Cum	1	3.70	6.95	6.05	6.50	0.15	3.61	
		Government School Left Side									
		South to north									
0.00	4.70		Cum	1	4.70	6.90	6.60	6.75	0.15	4.76	
4.70	15.00		Cum	1	10.30	6.60	6.10	6.35	0.15	9.81	
15.00	30.00		Cum	1	15.00	6.10	6.90	6.50	0.15	14.63	
30.00	45.00		Cum	1	15.00	6.90	6.90	6.90	0.15	15.53	
45.00	60.00		Cum	1	15.00	6.90	6.55	6.73	0.15	15.13	
60.00	72.10		Cum	1	12.10	6.55	5.85	6.20	0.15	11.25	
		Maruthi Layout									
		2nd Cross Road (or)Miracle									
		(From East to West)									
0.00	15.00		Cum	1	15.00	4.35	4.05	4.20	0.15	9.45	
15.00	30.00		Cum	1	15.00	4.05	3.50	3.78	0.15	8.49	
30.00	34.70		Cum	1	4.70	3.50	3.80	3.65	0.15	2.57	
34.70	43.80		Cum	1	9.10	5.30	4.90	5.10	0.15	6.96	
		3rd Cross Road									
		(From East to West)									
0.00	15.00		Cum	1	15.00	3.70	4.40	4.05	0.15	9.11	
15.00	30.00		Cum	1	15.00	4.40	4.60	4.50	0.15	10.13	
30.00	45.00		Cum	1	15.00	4.60	5.10	4.85	0.15	10.91	
45.00	49.90		Cum	1	4.90	5.10	5.20	5.15	0.15	3.79	
49.90	53.80		Cum	1	3.90	3.00	2.50	2.75	0.15	1.61	
		3rd A Cross Road									
		(From West to East)									
0.00	13.10		Cum	1	13.10	4.10	3.60	3.85	0.15	7.57	
13.10	15.00		Cum	1	1.90	4.60	4.40	4.50	0.15	1.28	
15.00	21.60		Cum	1	6.60	4.40	4.20	4.30	0.15	4.26	
21.60	24.30		Cum	1	2.70	3.80	3.85	3.83	0.15	1.55	

203.05

Contractor

28.04.2023
Assistant Engineer

28/04
Assistant executive Engineer

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		DEDUCTION									
		Manhole	Cum	-1	0.44				0.15	-0.07	
					(3.14X0.75X0.75)/4=0.44						
			Cum	-4	0.64				0.15	-0.38	
					(3.14X0.9X0.9)/4=0.64						
		CHAMBER	Cum	-6	0.45	0.45	0.45	0.45	0.15	-0.18	0.63
									Total Executed Quantity	202.42	
									Qty Carried to Summary	202.42	

Contractor

28.04.2023

Assistant Engineer

Assistant executive Engineer

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Construction of Drain, Culvert and Cement Concrete Road at Dasarahalli Karagadamma Temple, Opposite Road in Ward No:06 (Thanisandra)

PRE MEASUREMENT SHEET

First and Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.12		Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Vide total Quantity from item 01 &07	t.km		830.05		1.28			1062.46	
		1) 290.25 + 539.80 = 830.05							Total Executed Quantity	1062.46	
									Qty Carried to Summary	1062.46	

Contractor

Assistant Engineer

Assistant executive Engineer

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